

AMENDMENTS TO THE CLAIMS

1-25. (cancelled)

26. (new) A headrest assembly comprising:

 a first housing;

 a cross member rotatably supported by said first housing;

 a second housing rotatably supported by said cross member and pivotable relative said first housing;

 a spring axially biasing said second housing relative said first housing;

 an actuation handle fixedly attached to said cross member and operable to transmit an applied force to said second housing via said cross member; and

 a locking mechanism operable between a locked position and an unlocked position, said spring operable to bias said locking mechanism into said locked position, whereby said second housing is locked in one of a plurality of positions relative to said first housing, and said applied force operable to overcome the bias of said spring, whereby said second housing may be disengaged from said locked position to an unlocked position to allow said second housing to rotate relative to said first housing.

27. (new) The headrest assembly of Claim 26, further comprising an adjustment bar fixedly attached to said first housing and operable to attach the headrest assembly to an external structure.

28. (new) The headrest assembly of Claim 26, wherein said locking mechanism includes a pair of pins operable to engage said second housing in said locked position to prevent rotation of said second housing relative to said first housing and to disengage said second housing in said unlocked position to permit rotation of said second housing relative to said first housing.

29. (new) The headrest assembly of Claim 28, wherein said pins are fixedly attached to said first housing.

30. (new) The headrest assembly of Claim 28, wherein said first housing includes a plurality of apertures operable to matingly receive said pins in said locked position to position said second housing in one of an upright position, a partially reclined position, and a fully reclined position when said locking mechanism is in said locked position.

31. (new) The headrest assembly of Claim 30, wherein said partially reclined position fixes said second housing approximately at a 25 degree angle relative to said first housing.

32. (new) The headrest assembly of Claim 26, wherein said second housing includes an arcuate slot operable to guide rotation of said second housing relative to said first housing.

33. (new) The headrest assembly of Claim 32, wherein said first housing includes a guide post slidably received by said arcuate slot to define a range of motion of said second housing relative to said first housing.

34. (new) The headrest assembly of Claim 26, said actuation handle operable to transmit a rotational force to said second housing via said cross member to rotate said second housing relative to said first housing when said locking mechanism is in said unlocked position.

35. (new) The headrest assembly of Claim 26, wherein said cross member is fixedly attached to said second housing.

36. (new) A seat assembly comprising:

a seat bottom;

a seatback rotatably supported by said seat bottom; and

a headrest assembly supported by said seatback, said headrest assembly including:

a first housing;

a cross member fixed to said second housing and rotatably supported by said first housing;

a second housing rotatably supported by said cross member and pivotable relative said first housing;

a spring axially biasing said second housing relative said first housing;

an actuation handle fixedly attached to said cross member and operable to transmit an applied force to said second housing via said cross member; and

a locking mechanism operable between a locked position and an unlocked position, said spring operable to bias said locking mechanism into said locked position, whereby said second housing is locked in one of a plurality of positions relative to said first housing, and said applied force operable to overcome the bias of said spring, whereby said second housing may be disengaged from said locked position to an unlocked position to allow said second housing to rotate relative to said first housing.

37. (new) The seat assembly of Claim 36, further comprising an adjustment bar fixedly attached to said first housing and slidably received by said seatback to selectively position the headrest assembly in one of a plurality of positions relative to said seatback.

38. (new) The seat assembly of Claim 36, wherein said locking mechanism includes a pair of pins fixedly attached to said first housing.

39. (new) The seat assembly of Claim 38, wherein said locking mechanism includes a plurality of apertures formed in said second housing, said plurality of apertures adapted to matingly receive said pins in said locked position to lock said second housing in one of a plurality of positions relative to said first housing.

40. (new) The seat assembly of Claim 39, said actuation handle operable to transmit a rotational force to said second housing via said cross member to rotate said second housing relative to said first housing when said locking mechanism is in said unlocked position.

41. (new) A seat assembly comprising:

a seat bottom;

a seatback rotatably supported by said seat bottom; and

a headrest assembly supported by said seatback, said headrest assembly including:

a first housing;

a cross member;

a second housing rotatably supported by said cross member and pivotable relative said first housing, said cross member fixedly attached to said second housing and operable to selectively move said second housing into engagement with said first housing and restrict rotation of said second housing relative to said first housing;

a spring axially biasing said second housing relative said first housing; and

an actuation handle fixedly attached to said cross member and operable to transmit an applied force to said second housing via said cross member.

42. (new) The seat assembly of Claim 41, wherein said first housing includes a pair of pins fixedly attached thereto.

43. (new) The seat assembly of Claim 42, wherein said second housing includes a plurality of locking apertures operable to matingly receive said pins to selectively restrict rotation of said second housing relative to said first housing.

44. (new) The seat assembly of Claim 43, wherein said pins include a tapered surface to facilitate engagement with said locking apertures.

45. (new) The seat assembly of Claim 41, wherein said second housing includes an arcuate slot.

46. (new) The seat assembly of Claim 45, wherein said first housing includes a post fixedly attached thereto, said post slidably received by said arcuate slot to define a range of motion of said second housing relative to said first housing.

47. (new) The seat assembly of Claim 41, said cross member operable to both disengage said second housing from engagement with said first housing and to rotate said second housing relative to said first housing.

48. (new) A headrest assembly comprising:

a first housing;

a second housing having an arcuate slot, said arcuate slot operable to guide rotation of said second housing relative to said first housing;

a cross member rotatably supported by said first housing; and

a locking mechanism operable between a locked position and an unlocked position, said locking mechanism engaging said second housing in said locked position to lock said second housing in one of a plurality of positions relative to said first housing and disengaged from said second housing in said unlocked position to allow said second housing to rotate relative to said first housing.

49. (new) The headrest assembly of Claim 48, wherein said first housing includes a guide post, said guide post slidably received by said arcuate slot to define a range of motion of said second housing relative to said first housing.

50. (new) A headrest assembly comprising:

a first housing;

a second housing having an arcuate slot operable to guide rotation of said second housing relative to said first housing;

a cross member rotatably supported by said first housing; and

a locking mechanism operable between a locked position and an unlocked position, said locking mechanism engaging said second housing in said locked position to lock said second housing in one of a plurality of positions relative to said first housing and disengaged from said second housing in said unlocked position to allow said second housing to rotate relative to said first housing.

51. (new) The seat assembly of Claim 50, wherein said first housing includes a post fixedly attached thereto, said post slidably received by said arcuate slot to define a range of motion of said second housing relative to said first housing.